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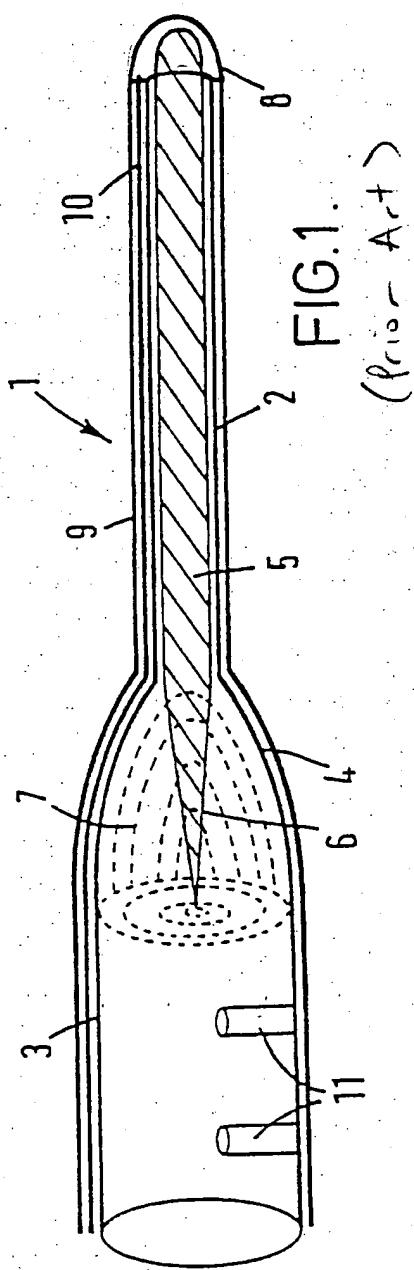
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SYSTEM AND METHOD FOR GENERATING ELECTROMAGNETIC
FIELDS OF VARYING SHAPE BASED ON A DESIRED TARGET

Inventor: Reza Kassayan

Attorney Docket No.: 63519.00002



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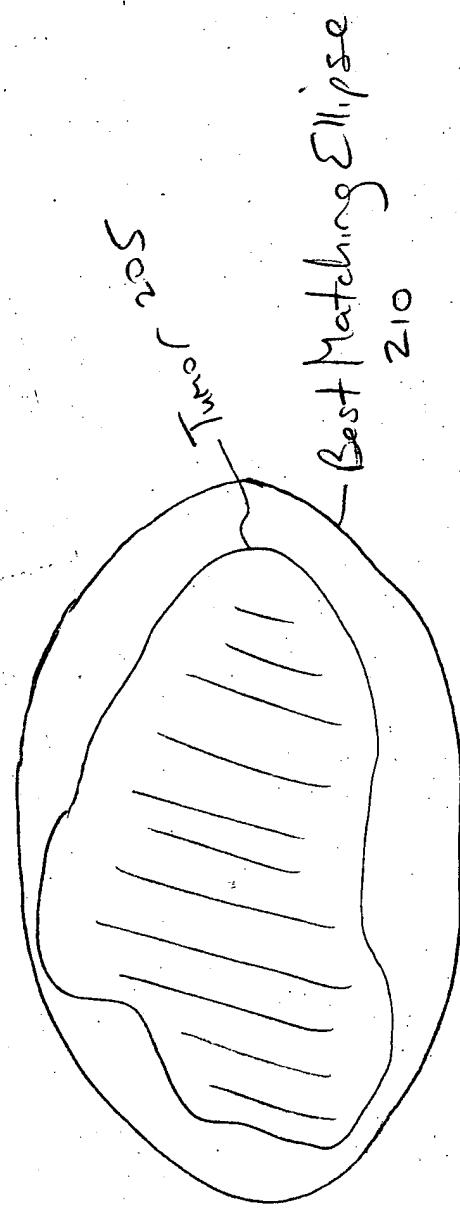


Fig. 2

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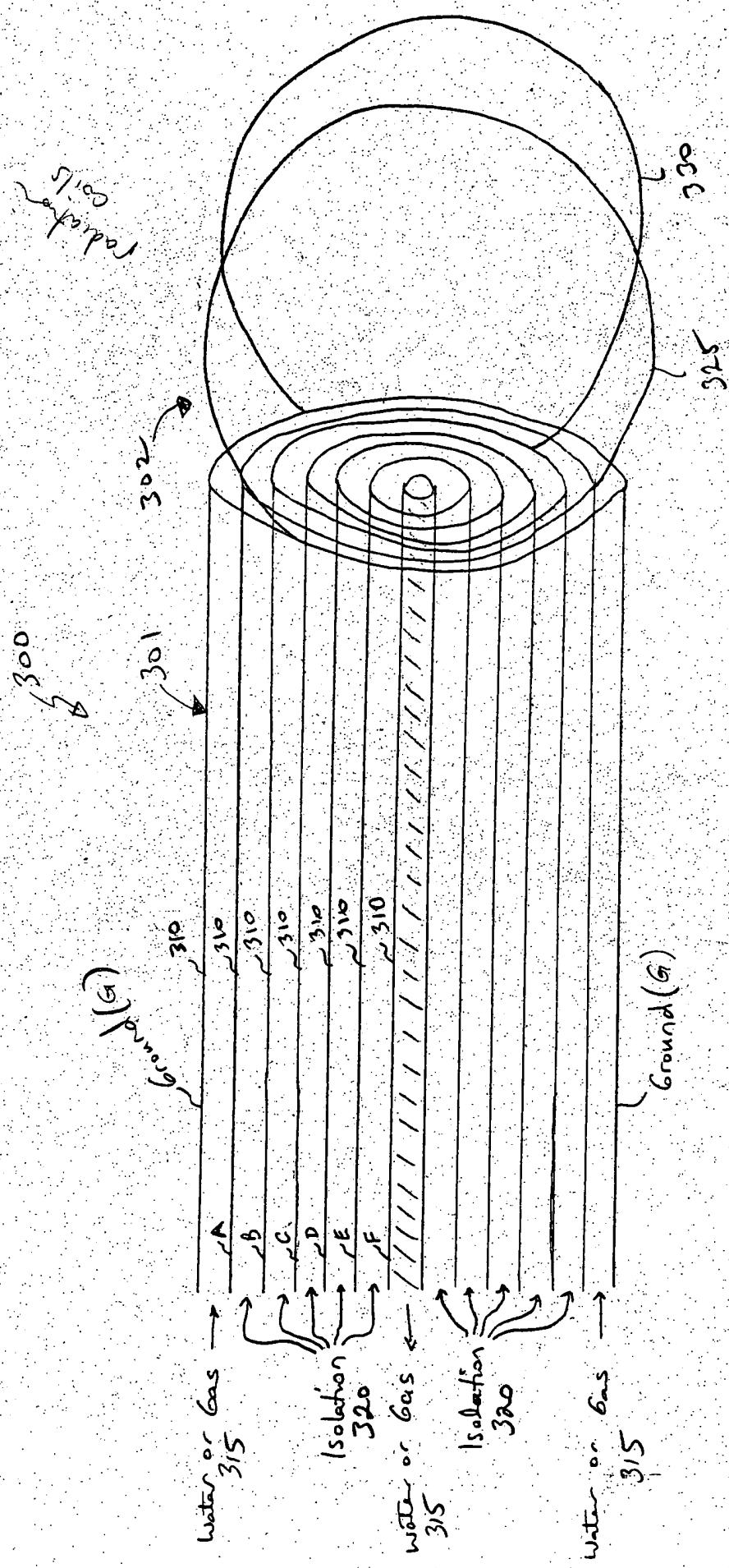


FIG. 3AB

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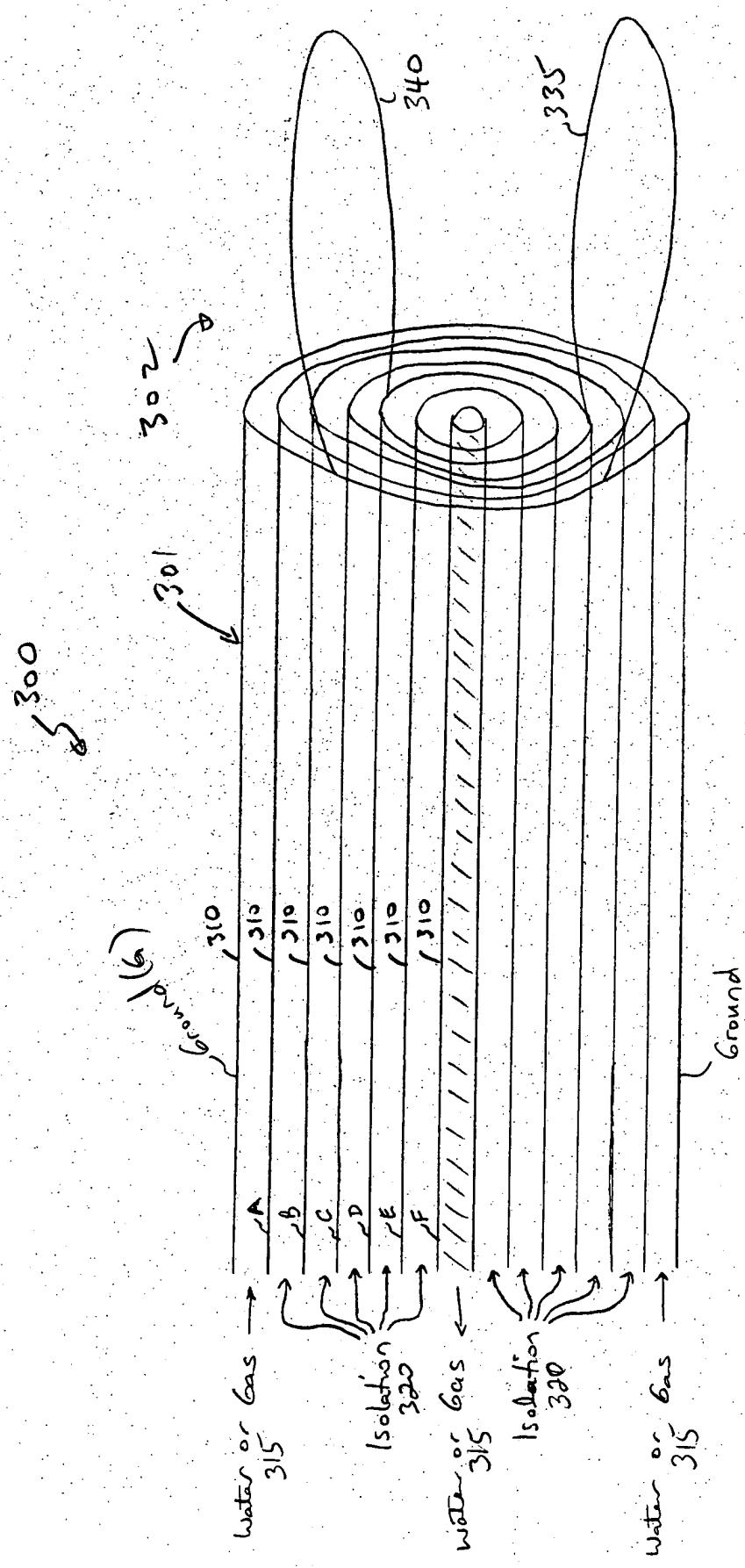


FIG. 3CD

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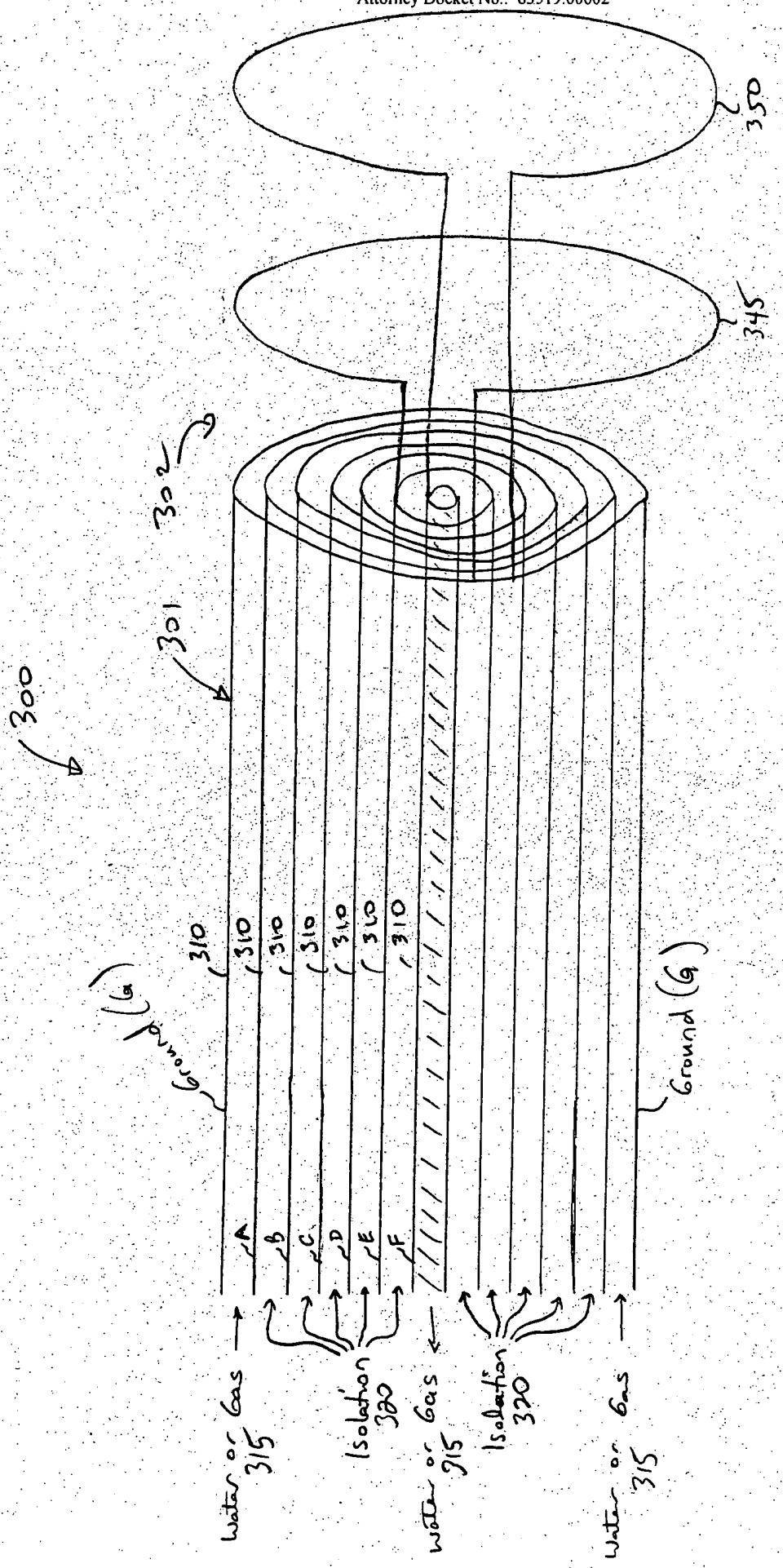


FIG 3 EF

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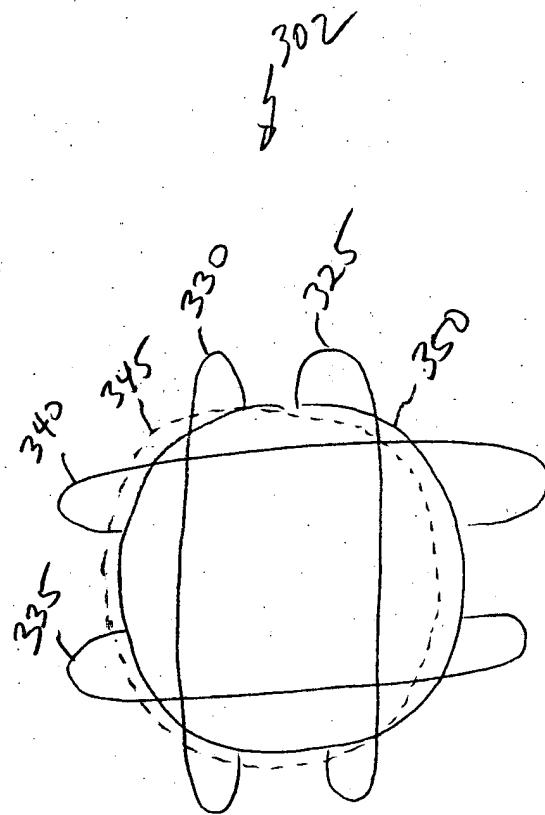
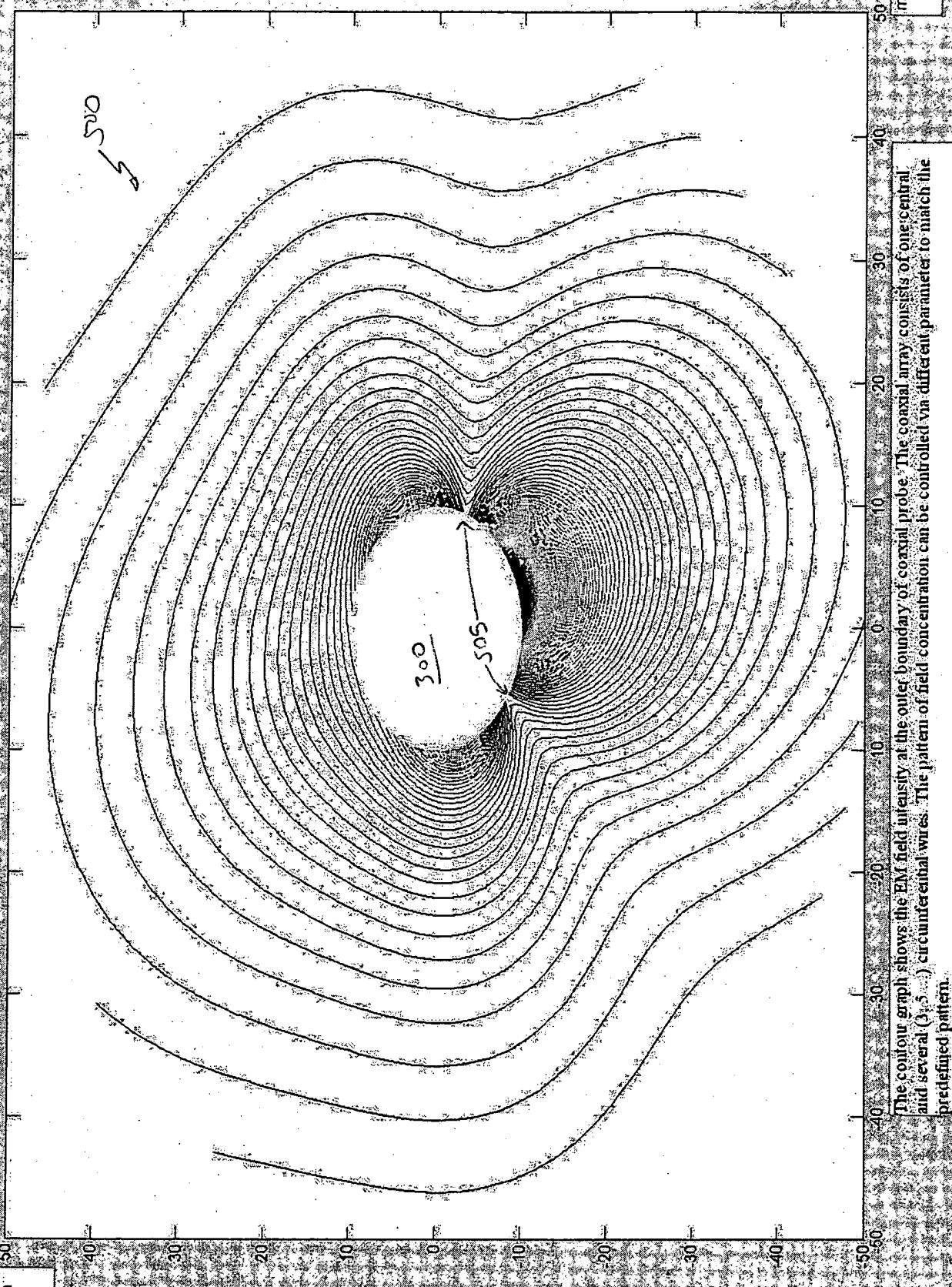


FIG. 4

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The contour graph shows the EM field intensity at the outer boundary of coaxial probe. The coaxial array consists of one central and several (3, 5, ...) circumferential wires. The pattern of field concentration can be controlled via different parameter to match the predefined pattern.

F16.5

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mm

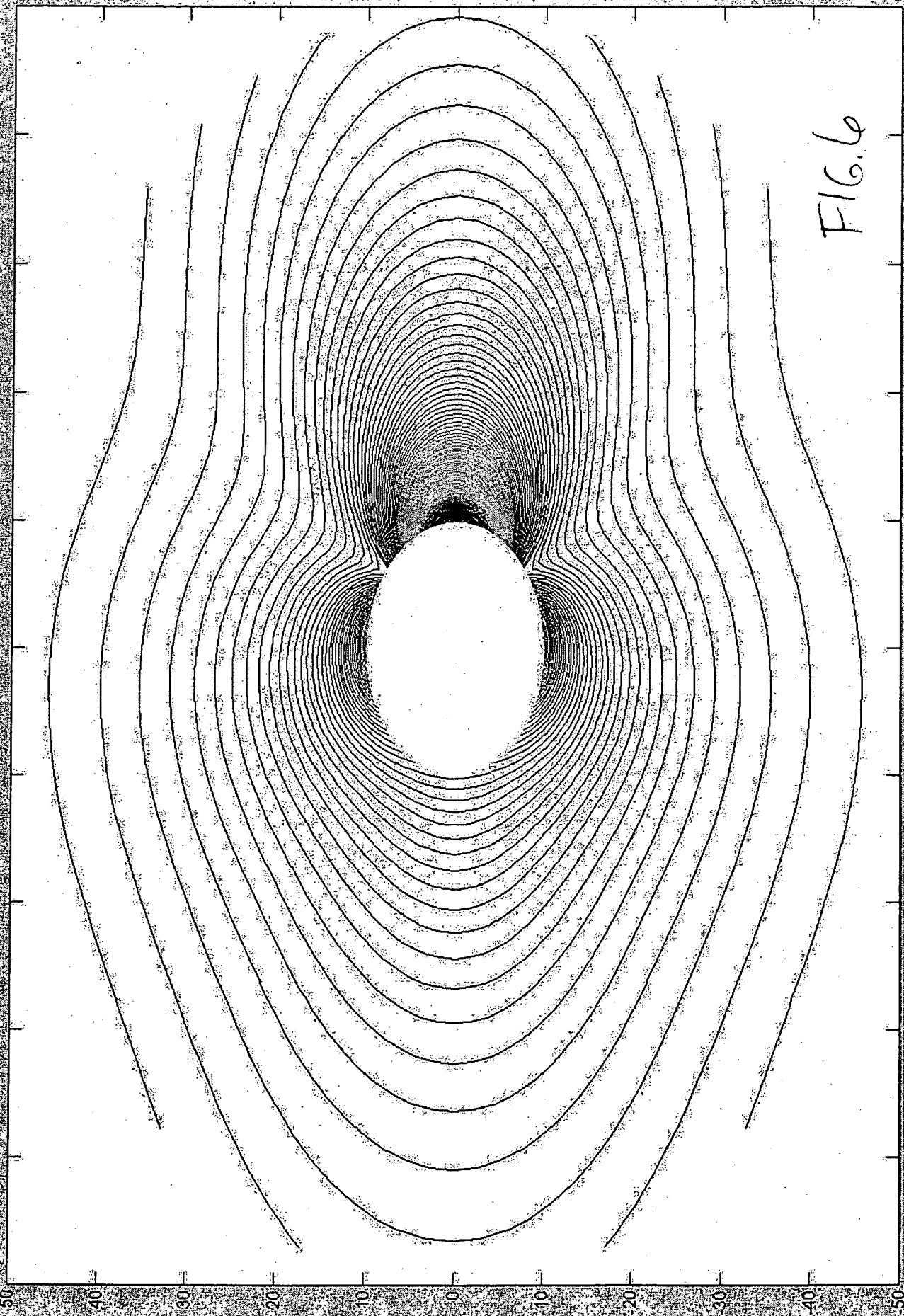
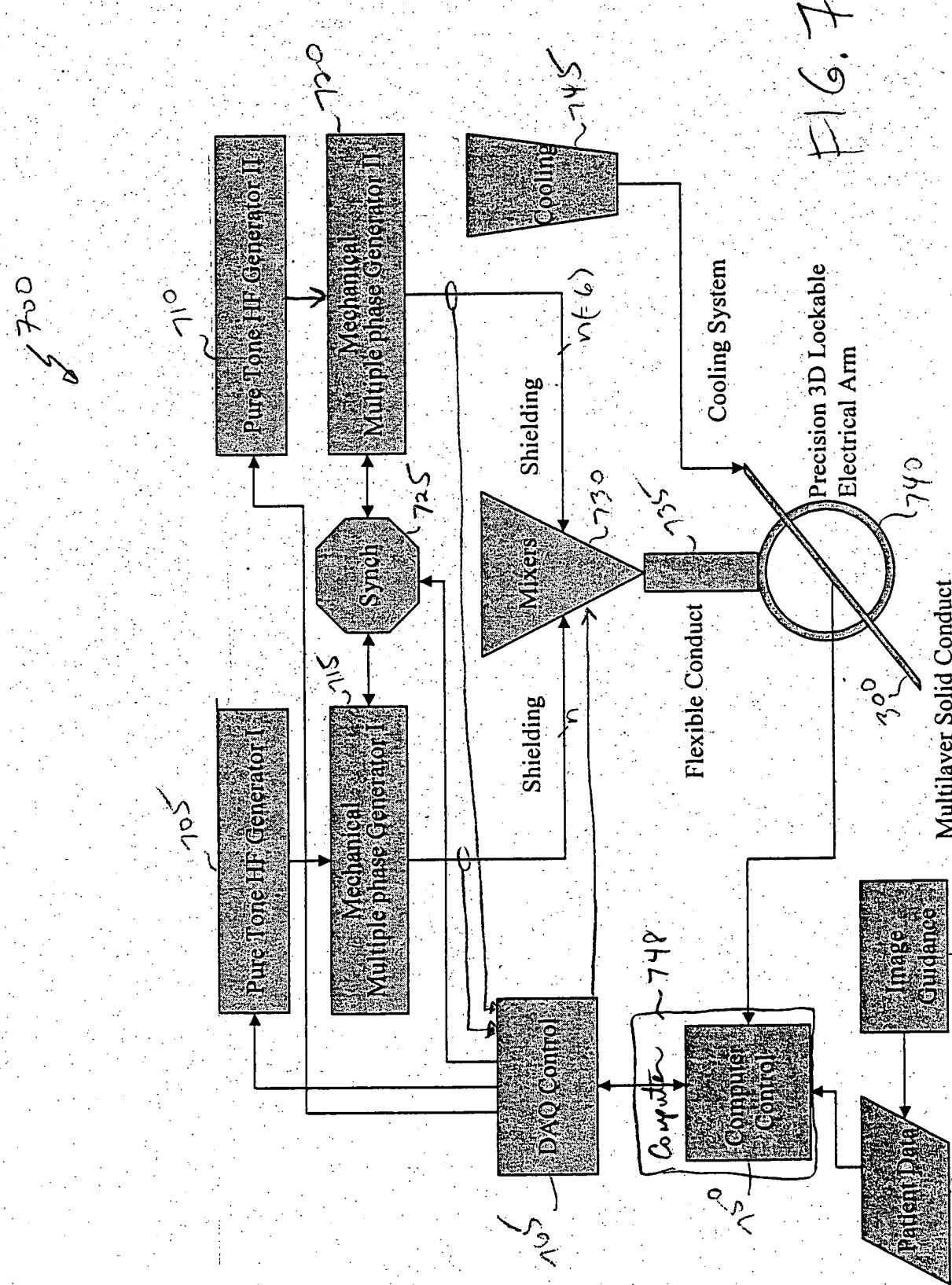


FIG. 6

The contour graph shows the EM field intensity at the outer boundary of one central and several 3.5 circumferential wires. The pattern of field concentration can be controlled via different parameter to match the predefined pattern. Position of the Max energy delivery has been rotated.

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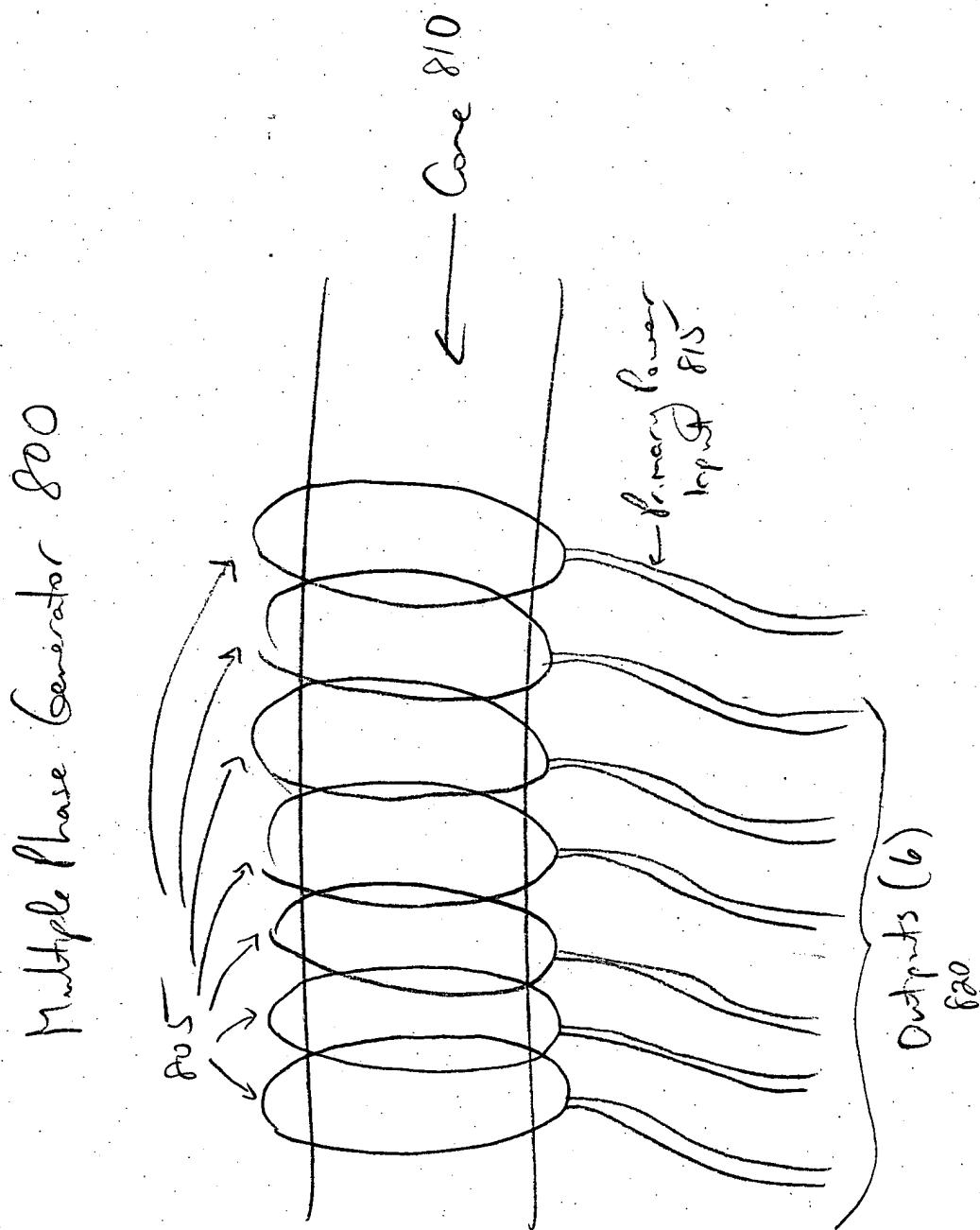
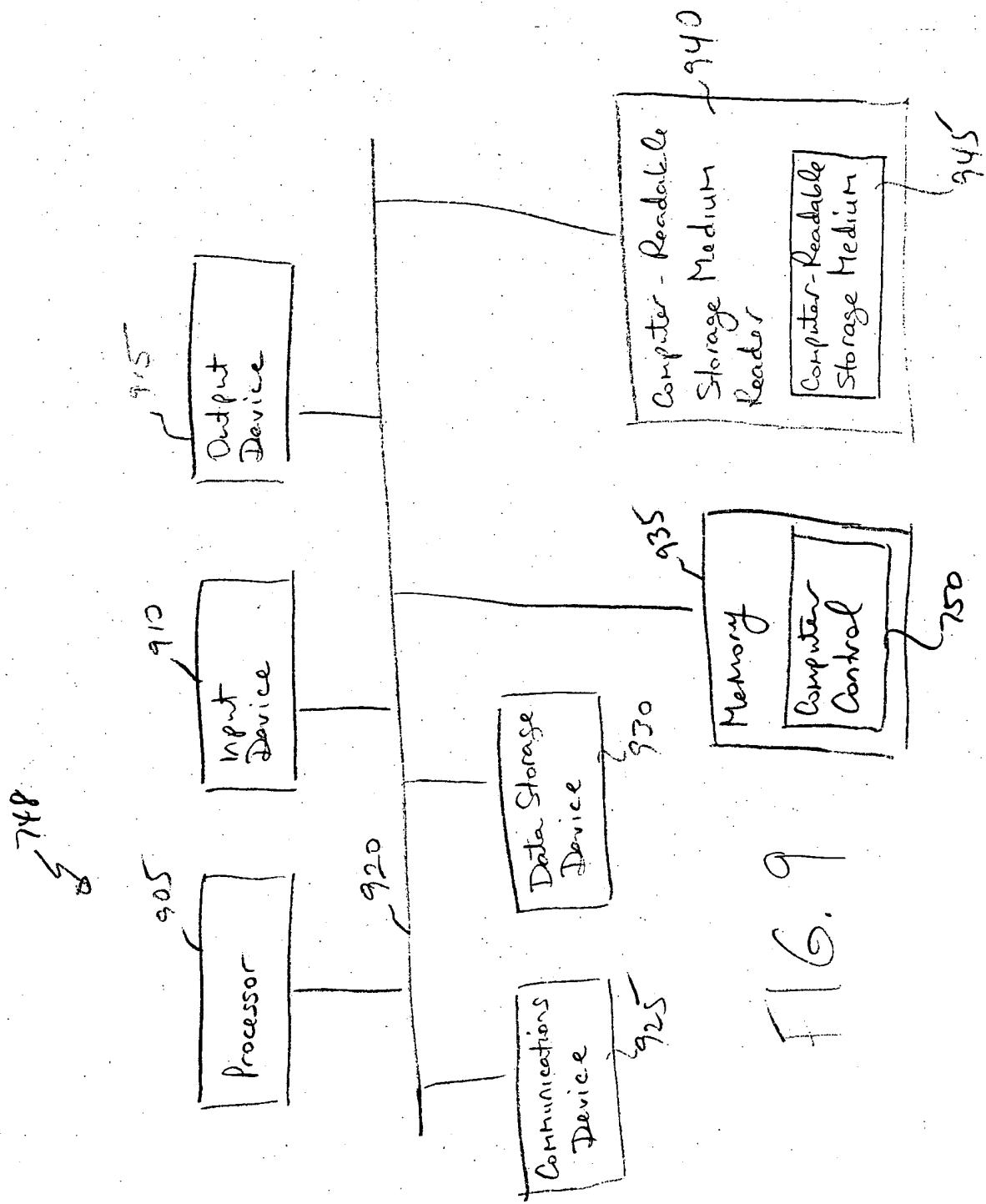


FIG. 8

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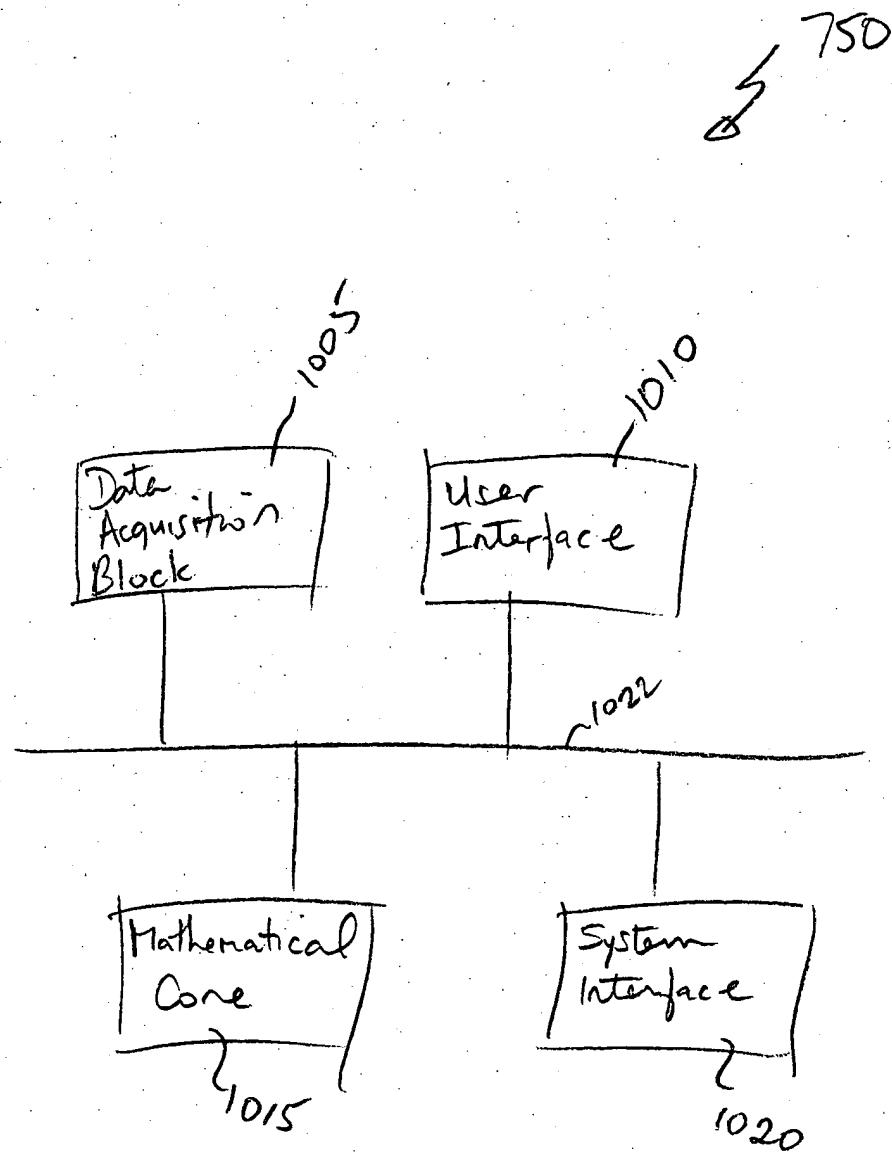


FIG. 10A

Computer Software Section

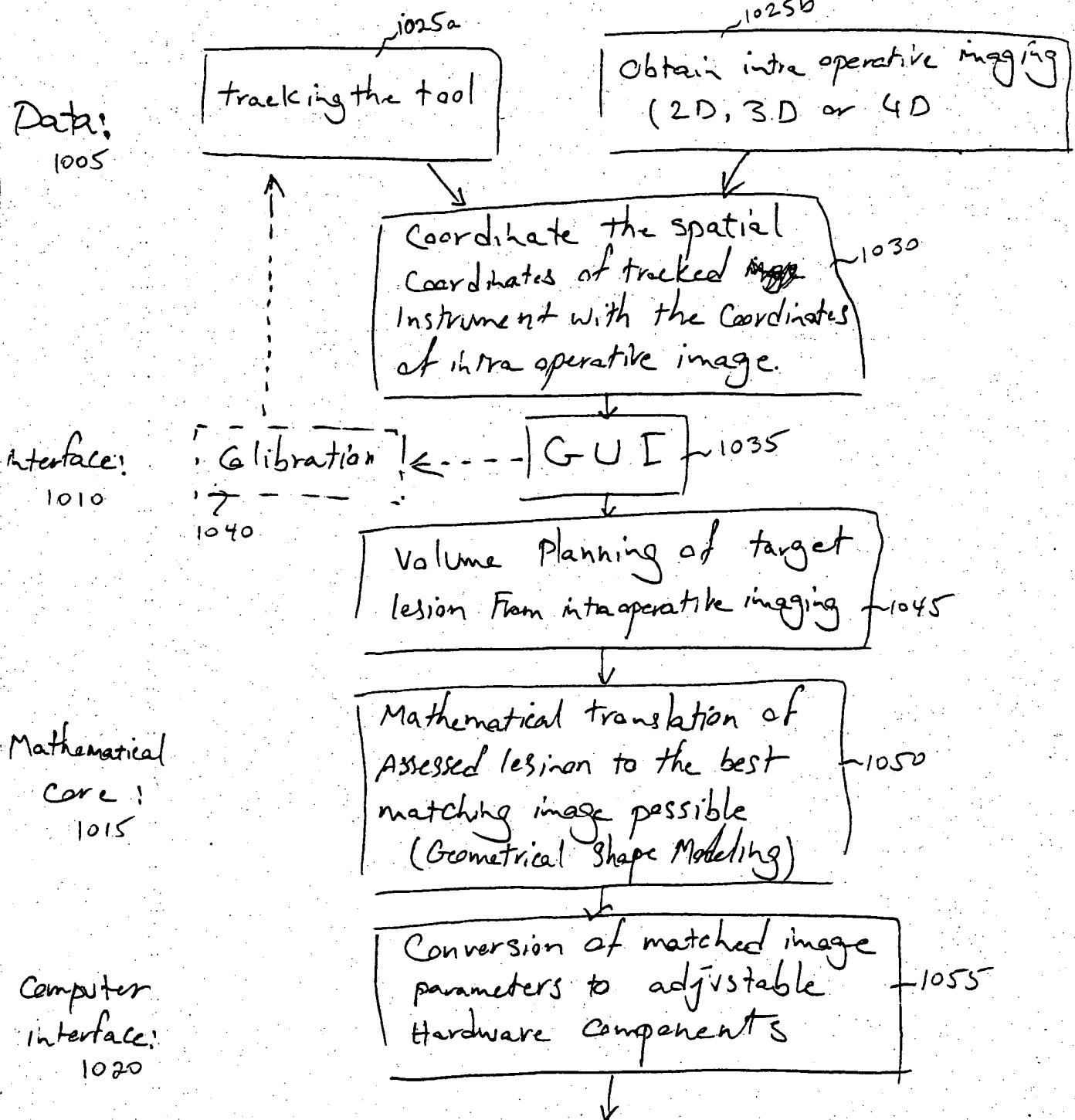


FIG. 10B

Computer Control to DAQ

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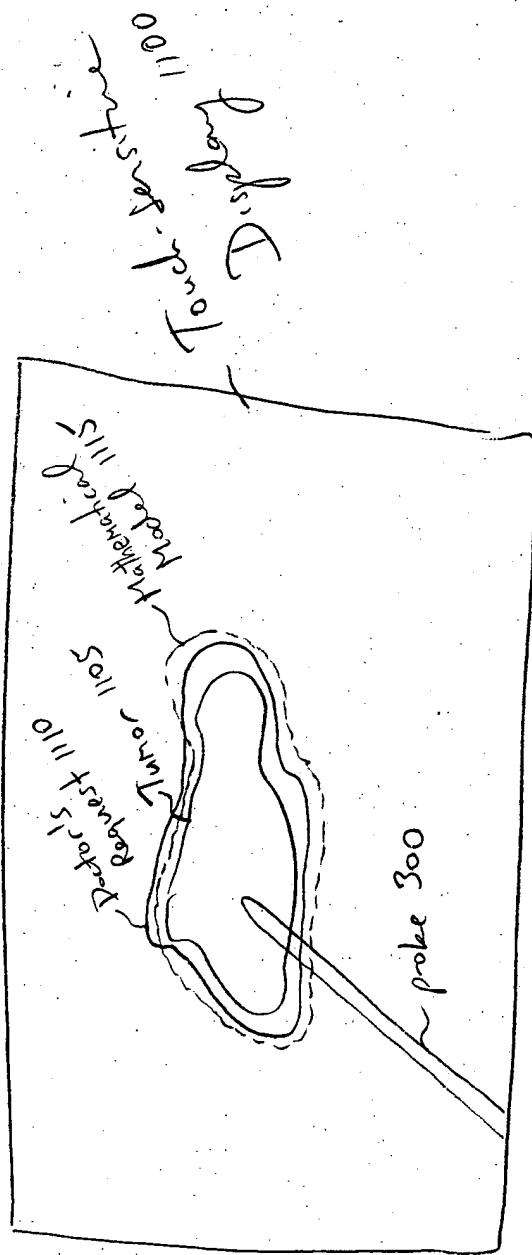


FIG. 11